



LOC - Industrial Key Specification

V1.3



Product Description

Description: LOC - Industrial Key Specification

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Document Details

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2.0 Description

2.1 Safety instructions

This instruction contains useful information for the assembly, operation and administration of the LOC-Industrial Key.

Please read this instruction mindful before you start with the assembly and the operations.

Owner and User have to allude to follow the information. There is no guarantee at non-observance of this instruction for the LOC System. The assembly and the operation have to execute only by skilled personnel.

The LOC-Industrial Key is designed and build under observance of safety-related rules. The Safety is dependent on the correct installation! The installation of the electronic components and have to execute with much accuracy, spoiled components creates a breakdown on the whole system. Affirm you that every component is undamaged. Damaged components may not used.

At property damage, consequential damage or personal injury, which is based on non-observance of these instruction or faulty use, expires the guarantee.

The component has to protect against clamminess. The LOC-Industrial Key is not able for Areas with high humidity or chemical matters.

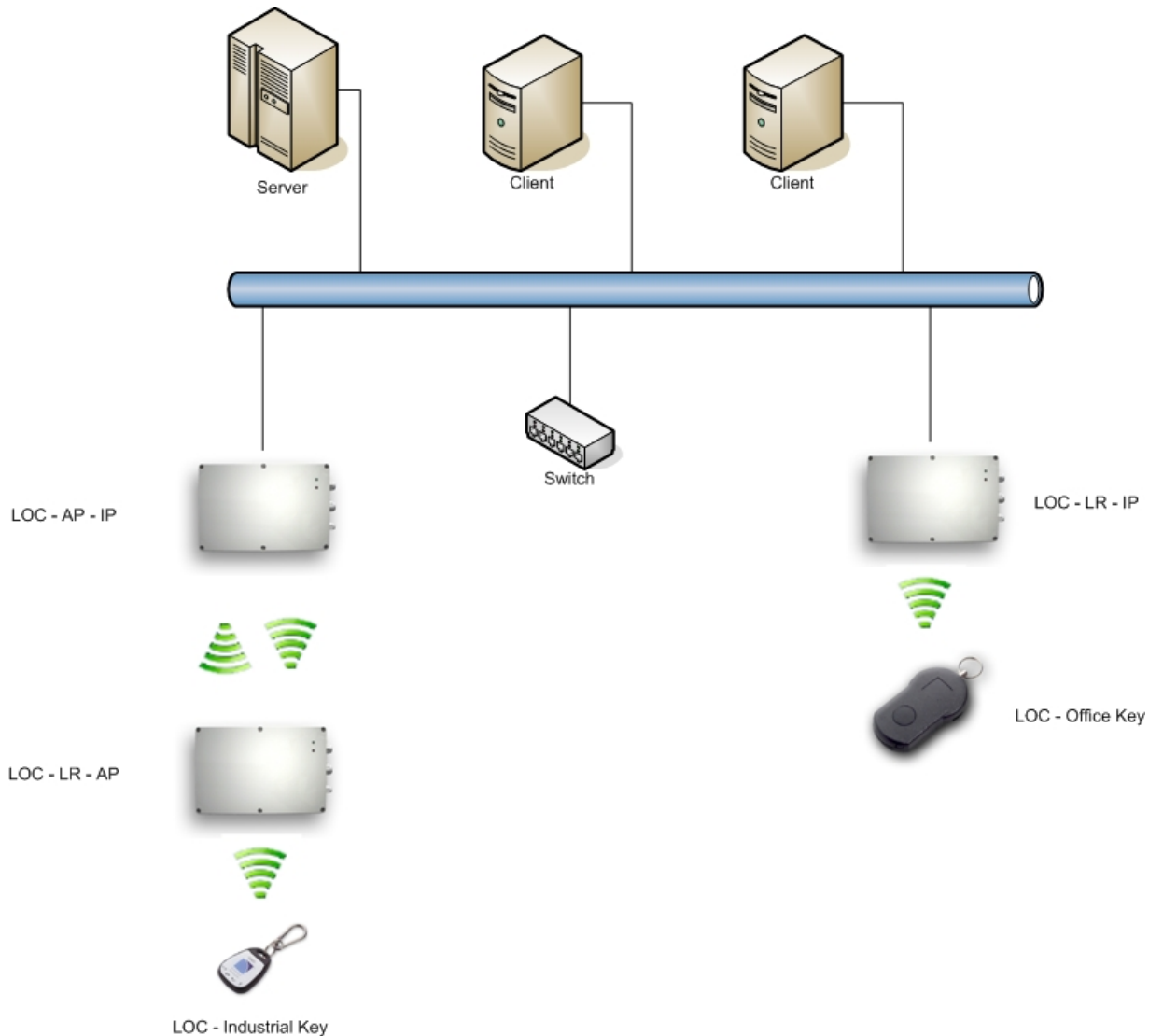
All picture-, product-, dimension- and execution data of this instruction is at the day of publication up-to-date of the development. This product subjects a permanent update process. In the acceptance of your contentment, we reserved the changed of our product.

At frictions or queries, please contact us.

2.2 LOC-Industrial Key

The LOC-Industrial is the identification for industrial applications in the LOC Pro system. He communicates with the Reader and exchanges data. These data exchange is at uplink over 125kHz and at downlink over 868 MHz. The Reader checks the ID from the LOC-Industrial Key which is unique and the separate rights from the server if the Reader is set as a Doorterminal. If the Reader is set as a LOC-LR-AP the server receives only the data which Key arrives at which Reader (Tracking). A 3V Lithium battery provides the LOC-Industrial Key and he comprised a backup function that the Reader can read the transponder over the passive way with the same identification, if the battery is flat. The LOC-Industrial Key can be ordered in different cases. But there is a difference at the protection category between the version without a button and the version with a button. The LOC-Industrial Key without a button has the category 67 and the version with a button the category 65. Furthermore the case is equipped with LEDs, which shows the status of radio traffic.

To add the LOC-Industrial Key in the LOC Pro system, please look at the instruction for the LOC Pro Software.



2.2.1 Item number

The item number is needed for the ordering process. The product can be configured in different variations for customer requirements. The item numbers are consisting of the configurations.

Please observe:

The Field with the default value "xxx", is according to the Firmware number. Please fill into this Field "xxx", if you are ordering new items. You have to fill your available number inside the Firmware field, if you are reordering some items. You have to inscribe for example the Firmware "2.25", the number "225".

Item number

102	xxx	Frequency (1 Choice)	Case (1 Choice)	04	00
		<input type="checkbox"/> 01 - 868MHz <input type="checkbox"/> 02 - 916MHz	<input type="checkbox"/> 02 - Industrial Case without Button <input type="checkbox"/> 16 - Industrial Case with Button		

Example: 102 . 205 . 01 . 02 . 04 . 00

104	xxx	Frequency (1 Choice)	Case (1 Choice)	04	00
		<input checked="" type="checkbox"/> 01 - 868MHz <input type="checkbox"/> 02 - 916MHz	<input checked="" type="checkbox"/> 02 - Industrial Case without Button <input type="checkbox"/> 16 - Industrial Case with Button		

This configuration would be a LOC-Industrial Key in the Version 2.05. The data would receive over an 868MHz connection and the device is in a Industrial Case without a Button. A CR2450 3V Lithium battery supplies the device and the data would send over a HF (868MHz) connection.

The following tables are showing the configuration with the accordant item number.

LOC-Industrial Key 868MHz:

Case	Item number
Industrial without button	102.205.01.02.04.00
Industrial with button	102.205.01.16.04.00

LOC-Industrial Key 916MHz:

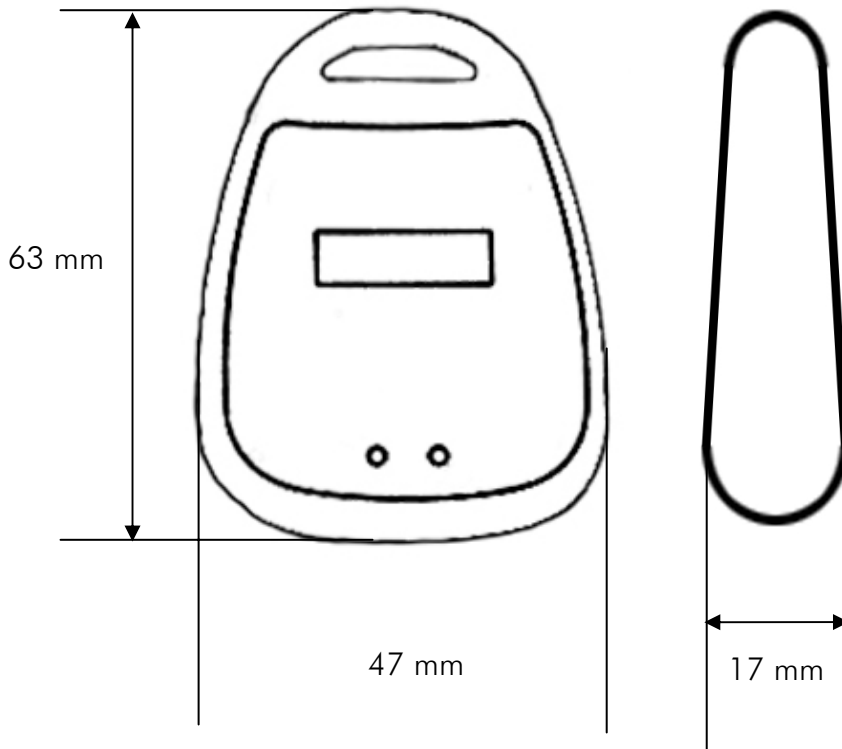
Case	Item number
Industrial without button	102.205.02.02.04.00
Industrial with button	102.205.02.16.04.00

3.0 Specification LOC-Industrial Key

Power Supply	3V Lithium Batterie, CR2450
Data receive (Uplink)	125 KHz, 3D receive
Data send (Downlink)	868 MHz ASK
Temperature area	-20°C ... +70°C
Temperature area	-20°C ... +70°C
Protection category	67/64 (without/with button on the case)

Subject to alteration

4.0 Dimension



Dimension: 47 x 63 x 17 (WxHxD)